## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20060137168"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/27 07:20
S2	4	"2001045014"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/27 07:34
S3	2	"20010045014"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/27 07:34
S4	5	"3610693".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/27 07:36
S5	2	"6306215".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/27 07:37
S6	2	"5464707".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/27 07:40
S7	2	"5464706".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/27 08:01
S8	6	("5464707"   "5542163"   "5824120"   "6007588"   "6306215"   "6763697").PN.	USPAT	OR	OFF	2009/09/17 20:42
S9	1	"6254743".pn.	USPAT	OR	OFF	2009/09/17 20:44
S10	1	"5031290".pn.	USPAT	OR	OFF	2009/09/17 20:46
S11	1	"5856046".pn.	USPAT	OR	OFF	2009/09/17 20:48

S12	781	29/6.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 13:19
S13	53	("3656027"   "4092464"   "4214969"   "4239837"   "4339322"   "4416915"   "4461814"   "4504557"   "4518665"   "4525439"   "4585711"   "4717634"   "4717634"   "4772517"   "4810755"   "4824745"   "4865932"   "4925752"   "4939050"   "4990413"   "5011501"   "5013620"   "5066556"   "5108855"   "5227264").PN. OR ("5464707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/21
S14	15738	"427"/\$.ccls. and (adhesion or adhesive \$5) and conductiv\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 20:47
S15	257	"427"/\$.ccls. and (adhesion or adhesive \$5) and conductiv\$4 and (metal near2 expan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 20:52
S16	145	"427"/\$.ccls. and (adhesion or adhesive \$5) and conductiv\$4 and (metal near2 expan\$4)	USPAT	OR	OFF	2009/09/21 20:53

S17	1399	"427"/\$.ccls. and (adhesion or adhesive \$5) and conductiv\$4 and ((metal near2 expan\$4) or (metal near2 foil\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 20:55
S18	229	"427"/\$.ccls. and (adhesion or adhesive \$5) and conductiv\$4 and ((metal near2 expan\$4) or (metal near2 foil\$1)) and collector\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 20:56
S19	6	((GEROLD) near2 (NEUMANN)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/21 20:58
S20	18	((GEROLD) near2 (NEUMANN)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 20:58
S21	397	FRAUNHOFER near2 GESELLSCHAFT near2 ZUR near2 FOERDERUNG near2 DER near2 ANGEWANDTEN near2 FORSCHUNG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 21:05
S22	136	S21 and coat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 21:05
S23	14	S21 and coat\$4 and collec\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 21:06
S24	418	FRAUNHOFER near2 GESELLSCHAFT near2 ZUR near2 FOERDERUNG near2 DER near2 ANGEWAN \$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 21:13

S25	418	FRAUNHOFER near2 GESELLSCHAFT near2 ZUR near2 FOERDERUNG near2 DER near2 ANGEWAN \$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 23:10
S26	15	S25 and coat\$4 and collec\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 23:10
S27	1304	29/527.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 23:15
S28	304	29/17.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 23:15
S29	435	29/17.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 23:15
S30	27	29/527.2.ccls. and (expand\$4 near2 metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 23:19
S31	25	29/2.25.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 23:24
S32	14	("3206536"   "3228786"   "3297461"   "3671415"   "4068366"   "47088888").PN. OR ("5031290").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/21 23:31
S33	1	"6306215".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/21 23:32

S34	1292	29/623.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:05
S35	316	29/623.3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:05
S36	521	29/623.4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:05
S37	1291	29/623.1.ccls.	USPAT	OR	OFF	2009/09/22 07:05
S38	1291	29/623.1.ccls.	USPAT	OR	OFF	2009/09/22 07:07
S39	1417	29/623.1.ccls.	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:07
S40	1511	(S34 or S35 or S36 or S37 or S38 or S39) and coat\$4 and collec \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:31
S41	573	(S34 or S35 or S36 or S37 or S38 or S39) and coat\$4 and collec \$4 and laminat\$4 and foil\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:31
S42	560	(\$34 or \$35 or \$36 or \$37 or \$38 or \$39) and coat\$4 and collector\$1 and laminat \$4 and foil\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:32

S43	365	(S34 or S35 or S36 or S37 or S38 or S39) and coat\$4 and collector\$1 and laminat \$4 and foil\$1 and anode\$1 and cathode \$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:33
S44	92	(S34 or S35 or S36 or S37 or S38 or S39) and coat\$4 and collector\$1 and laminat \$4 and foil\$1 and anode\$1 and cathode \$1 and (metal near3 expan\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:33
S45	6	("5059885"   "6218041"   "6242130"   "6242131"   "6387567"   "6632538").PN. OR ("7458996").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/22 07:37
S46	2	"9940634"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 07:39
S47	12102	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 07:15
S48	2761	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 07:16
S49	2619	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1) and conducti\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 07:17

S50	1462	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1) and conducti\$5 and cathod \$2 and anod\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 07:18
S51	979	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1) and conducti\$5 and cathod \$2 and anod\$2 and laminat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 07:19
S52	589	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1) and conducti\$5 and cathod \$2 and anod\$2 and laminat\$4 and (lithium with batter\$4) and coat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 07:32
S53	238	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1) and conducti\$5 and cathod \$2 and anod\$2 and laminat\$4 and (lithium with batter\$4) and coat \$4	USPAT	OR	OFF	2009/09/24 07:33
S54	330	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1) and conducti\$5 and cathod \$2 and anod\$2 and laminat\$4 and (lithium with batter\$4) and coat \$4 and expan\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 07:35

S55	134	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1) and conducti\$5 and cathod \$2 and anod\$2 and laminat\$4 and (lithium with batter\$4) and coat \$4 and expan\$5	USPAT	OR	OFF	2009/09/24 07:36
S56	90	\$4 with foil\$1 with	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 08:05
S57	291	(current near3 collector \$1) same (metal\$4 with expan\$5) and conducti\$5 and cathod \$2 and anod\$2 and (laminat\$4 or stack\$4) and (lithium with batter \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 08:18
S58	88	\$1) and conducti\$5 and cathod\$2 and anod \$2 and (lithium with batter\$4) and ((metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 08:19
S59	3	(current near3 collector \$1) and conducti\$5 and cathod\$2 and anod \$2 and (lithium with batter\$4) and ((clos\$4 with metal\$4) same (metal\$4 with expan \$5) same (laminat\$4 or stack\$4))	USPAT;	OR	OFF	2009/09/24 08:24
S60	67	"324114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 08:48

S61	9	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1 with expan\$5) and conducti \$5 and cathod\$2 and anod\$2 and laminat\$4 and (lithium with batter \$4) and coat\$4 and (plasticiz\$4 with (no or non\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR		2009/09/24 09:34
S62	2	"6291102".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 09:39
S63	2	"6692543".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 09:40
S64	3	(("5587253") or ("6322923") or ("6328770")).PN.	USPAT	OR	OFF	2009/09/24 09:42
S65	8	(adhesion\$1 or adhesive\$4 or adher \$5) and (current with collector\$1) and (metal \$4 with foil\$1 with expan\$5) and conducti \$5 and cathod\$2 and anod\$2 and laminat\$4 and (lithium with batter \$4) and coat\$4 and (corona near3 discharg \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 10:13
S66	1	\$4 with foil\$1 with	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 10:24

S67	1	(current with collector \$1) and (metal\$4 with foil\$1 with expan\$5) and conducti\$5 and cathod\$2 and anod\$2 and laminat\$4 and (lithium with batter\$4) and (diagonal\$3 with length\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 10:42
S68	1	(current with collector \$1) and (metal\$4 with foil\$1 with expan\$5) and (lithium with batter \$4) and (diagonal\$3 with length\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 10:43
S69	1	(current with collector \$1) and ((metal\$4 with expan\$5) same (diagonal\$3 with length \$1)) and (lithium with batter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 10:44
S70	118	((metal\$4 with expan \$5) same (diagonal\$3 with length\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 10:44
S71	38	((metal\$4 with expan \$5) same (diagonal\$3 with length\$1)) and coat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 10:45
S72	2	"4607083".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/24 11:38

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